

January 1937. SECTION B.—G. N. RANGASWAMI AYYANGAR, M. A. SANKARA AYYAR AND V. PANDURANGA RAO: *Linkage between Purple Leaf-Sheath Colour and Juiciness of Stalk in Sorghum*.—In sorghum there is a linkage between the factor *P* for purple leaf-sheath colour and *D* for juiciness of stalk, with a recombination percentage of 30 ± 1.8 . G. N. RANGASWAMI AYYANGAR, V. PANDURANGA RAO, A. KUNHIKORAN NAMBIAR AND B. W. X. PONNAIAH: *The Occurrence and Inheritance of Waxy Bloom on Sorghum*.—The heavy bloomed condition (H) is a simple dominant to the sparse bloomed condition (h). The factor (H) is independent in inheritance to the leaf-sheath colour factors *P* and *Q*, leaf margin disposition factor *M_u*, grain surface structure factor *Z*, and the brown grain factors *B₁* and *B₂*. S. C. DIXIT: *The Chlorophyceae of the Bombay Presidency, India—1*. Thirty-six forms have been described, out of which four have been found growing in soil, three on stones and rocks, one on a gastropod shell, four in running water and the rest from the steady waters of pools, tanks and ponds. M. B. MIRZA AND M. A. BASIR: *A Report on the Guinea-Worm found in Varanus Sp., with a Short Note on Dracunculus medinensis*.—*Dracunculus* is recorded for the first time as a parasite of *Varanus*. The structure of the worm has been compared with that of *Dracunculus medinensis* and it is concluded that it is the same worm which parasitizes the human beings.

Indian Association for the Cultivation of Science : (Proceedings, Vol. XIX, Part 6.)

December 1936.—G. N. BHATTACHARYYA: *Studies on Some Indian Vegetable Oils*. JAI KISSEN AND N. K. SAHA: *On the Laws of Distribution of Velocities of Particles undergoing Emission and Absorption in Radiation-Field*. SURAIN SINGH SIDHU: *The L-Spectra of Iron above the Curie Point*. M. K. SEN: *The Band Spectrum of Gallium Oxide and Isotopes Effect of Gallium*. C. J. PHILLIPS: *The Raman Spectra and the Latent Heat of Fusion of Non-Associated Substances*. P. N. KALIA: *Technique of making Schumann-Plates; and A note on the Spectrum of Singly Ionised Zinc*. JAGANNATH GUPTA: *Raman Spectra of Oxalates and Oxalato-Complexes: Vibrations of Dicarboxyl*. S. C. SIRKAE AND

J. GUPTA: *On the Raman Spectra of Different Modifications of a few Crystals*.

Indian Chemical Society:

October 1936.—PRAFULLA KUMAR PAUL: *On Phthalide Formation*. N. R. DHAR AND CH. I. VARADANAM: *Preparation and Properties of Highly concentrated Sols. Part V.—Stannic Hydroxide Sols*. G. V. JADHAV, S. N. RAO AND N. W. HIRWE: *Derivatives of 1-Hydroxy-2-Naphthoic Acid. Part I.—4-Halogeno-1-Hydroxy-2-Naphthoic Acid and their Derivatives*. MAHADEO PRASAD GUPTA AND SIKHIBHUSHAN DUTT: *The Chemical Examination of Solanum xanthocarpum, Schard and Wendel. Part I.—The Constituents of the Oil from the Seeds*. DUHKHAHARAN CHAKRAVARTI AND BHOWANI CHARAN BANERJI: *Synthesis of Coumarins and Chromones from Halogenated and Nitrocresols*. B. N. GHOSH AND S. S. DE: *The Enzymes in Snake Venom. Part II.—Their Action on Native Proteins, on Peptone and on the Activity of Trypsin*. T. P. GHOSE AND S. KRISHNA: *Constituents of the Leaves of Vitex negundo*. (Late) A. N. MELDRUM AND C. N. BAMJI: *6-Sulpho-m-cresotic Acid and Related Compounds*. G. V. JADHAV AND S. N. RAO, *Derivatives of 1-Hydroxy-2-Naphthoic Acid. Part II.—4-Halogeno-1-methoxy-2-naphthoic Acids and their Derivatives*. DUHKHAHARAN CHAKRAVARTI AND PHANINDRA NATH BAGCHI: *Synthesis of Coumarins and Chromones from 4-Chloro and 4-Bromo-1-naphthol*. D. G. WALAWALKAR: *A Note on Solid Sugars from Mohuwa Flower Syrup*. NRIPENDRA NATH CHATTERJI: *Phenanthrene from 9-Hydroxyphenanthrene (A Note)*.

Calcutta Mathematical Society:

January 15, 1937.—H. LEBESQUE: *Sur certaines expressions irrationnelles illimitées*. E. T. BELL: *Numerical Functions of the Lattice points of $xy \dots z < n$* . C. V. HANUMANTHA RAO: *On an analogue of Gaskin's theorem*. R. R. SHARMA: *On Gaskin's theorem*. J. G. ANANDA: *On the inpolarity of a conic to a circle*. A. MOESNER: *Numerische Identitäten*.

Meteorological Office Colloquium, Poona:

On 7-12-1936 Sir John Russell, F.R.S., Director, Rothamsted Experimental Station, addressed the Colloquium on 'Meteorology in Relation to Agriculture'.

UNIVERSITY AND EDUCATIONAL INTELLIGENCE.

University of Mysore:

I. *Academic Council*.—A meeting of the Academic Council was held on the 23rd January 1937. Among the decisions arrived at, mention may be made of the following:—

- (1) Introduction of an ordinance regulating the course of study in German for B.Sc. Honours students.
- (2) Institution of separate minima for the papers, thesis and *viva voce* in the Master's Degree examination.
- (3) Provision for the admission of L.M.P. diploma holders to the M.B.B.S. degree course, under certain conditions.

II. The following Extension Lectures were delivered:—

(a) Mr. A. R. Wadia, B.A., Bar-at-Law, Professor of Philosophy, Maharaja's College, on "The Charm of Hindi" in English, at Bangalore.

(b) Mr. K. Krishna Iyengar, B.A., Headmaster, National High School, Bangalore, on "Civic Discipline" in Kannada, at Mandya, Mysore and Bangalore.

III. A special lecture on "The Crisis of Contemporary Culture" was delivered at Mysore by Dr. Andrew Krzesinski, Professor of Philosophy, University of Cracow (Poland).

IV. Messrs. C. Narasimha Moorthy, M.A., and D. K. Srinivasachar, B.Sc. (Hons.), graduates of this University, headed the list of successful candidates in the recent Mysore Civil Service Examination and were appointed as Probationary Assistant Commissioners.